William Keri

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codevoid.site — **LeetCode** — **Codeforces** — **GeeksforGeeks** — **Codechef**

Education

B.Tech in Computer Science, SRKR Engineering College, Bhimavaram   **May 2026**
CGPA: 8.08/10.0 (Till 6th semester)

Work Experience

Full Stack Developer Intern − LabFox.Studio, Remote   **Jul 2025 − Present**
- Contribute to the backend architecture leveraging **FastAPI, Kafka** and **LangGraph** to power **RAG** features.
- Developed comprehensive APIs to integrate data from open-source DataHub SDKs, REST OpenAPIs, and GraphQL endpoints, resulting in 30–40% improved API response times.
- Implemented scalable dataset processing pipelines through strategic chunking and optimized retrieval workflows.

Freelance Full Stack Developer − Self-Employed   **Jul 2025 − Present**
- Architected a serverless e-commerce platform with scalable cloud infrastructure using **AWS Lambda**, **S3**, **CloudFormation**, and implemented **CI/CD** pipelines via GitHub Actions, with performance monitoring on **CloudWatch**.
- Integrated **Redis** for backend caching and Cloudflare for global CDN and DNS management, improving performance.
- Managed end-to-end freelance projects independently, including client communication, requirement gathering, and technical negotiations to deliver tailored solutions.

Projects

Code Indexer | Repo | *LlamaIndex, FAISS, Tree-sitter, LRU cache, and FastAPI*   **Sep 2025**
- Built a code indexing and retrieval system using **LlamaIndex** and the **FAISS** vector database to enable fast, semantic search of codebases. Implemented chunking and querying pipelines to optimize code parsing.
- Implemented **Retrieval-Augmented Generation** workflows to enhance context-aware code query responses.

CodeQuest | Live | *React.js, Typescript, Node.js, Express.js, MongoDB, Redis and Docker*   **Apr 2025**
- Designed and implemented a daily Problem of the Day (POTD) platform that delivers curated coding challenges and tracks user performance through personal profiles and real-time leaderboards.
- Engineered the **profile linkage and automated synchronization** of user statistics across Leetcode, Codeforces, GFG, and CodeChef, which eliminated 95% of manual profile updates.

AI Yoga Assistant | *React.js, Node.js and TensorFlow Move-Net*   **Sep 2024**
- Participated in the creation of an AI Yoga Assistant that provided users with personalized feedback and real-time pose detection using **move-net model** with an accuracy of 89%.
- Developed and integrated the backend and data flow components to process model outputs and deliver instant feedback to users through a responsive interface.

Skills

Languages:	C, C++, Python, Java, JavaScript, TypeScript
Technologies/Frameworks:	React, Next, shadcn/ui, Node, Express, FastAPI, LangChain, LangGraph
Databases:	MongoDB, PostgreSQL, Redis, ChromaDB, FIASS
Tools:	Docker, AWS (Lambda, S3, CloudFormation, ECR), Cloudflare

Certificates

- Vedic Vision Hackathon by SRKR
- Winter Coding Contest 4.0 by VNRVJIET

Achievements

- Pupil (1350+) rated on Codeforces (Max Rating: 1397).
- Achieved global rank under 1000 on CodeChef more than 5 times (Best: 37 in Div-3).
- Secured 3rd place in Vedic Vision Hackathon conducted by SRKREC among 70+ teams.
- Currently 4th rank in GeeksforGeeks over 3000+ students in SRKR Institution.

Extra-Curricular Activities

- **Technical Lead, SRKR Coding Club** – Responsible for coordinating technical activities, reporting team status, and monitoring club project progress.
- **Manager, CodeQuest** – Managing daily operations of the POTD event by curating and publishing coding challenges, evaluating user submissions, and sharing structured solutions to encourage consistent learning and engagement.